



### 360 Degree camera. Part number – 5JL.063.511

## KyLaq - 2025

**DISCLAIMER :** The routing of the wiring harness for the 360-degree camera system is standardized and common across Skoda & VW vehicle models. Accordingly, the images and illustrations provided in this fitment manual are for representative purpose only. Please note that the variations will be occurred in the fitment locations of the ECU, as well as the front and rear cameras. Installers are advised to refer to vehicle-specific guidelines & take necessary fitment steps accordingly.

### General Instruction :

1. For the calibration of the 360-degree camera system, the use of the designated calibration mat (Part No.: **LOC-063-511-CL-MAT**) is mandatory.
2. Please note that this calibration mat is **not included** in the camera kit and must be **ordered separately** by the dealership based on requirement.
3. **A single calibration mat can be reused for multiple vehicle fitments.** Therefore, it is **not necessary to order a separate mat for each fitment.**
4. Dealerships are advised to maintain one or more mats as shared tools to support efficient calibration across multiple installations.

⚠ Be alert- Read all instructions before use to avoid injury

**Note:** We recommend that fitting is carried out by an authorized workshop with fitment and removal of car parts with reference to ELSA pro System.

*This Kit is applicable only for Signature plus & prestige variant of KyLaq.*



SR NO	Included in the kit	QTY
1	ECU/Junction Box	1
2	Left camera extension cable	1
3	Right camera extension cable	1
4	Rear camera extension cable	1
5	Front camera extension cable	1
6	32Pin Control Cord	1
7	Camera	4
8	Tie Cable.	6
9	SAVV Dedicated Power Cable	1
10	Extra rubber caps	2
11	Remote	1
12	Screws	1 pack
13	Hole saw (2 in 1) 22.5mm+8mm	2 pcs
14	2 Way Tape	3 pcs
15	Sensors	1 set
16	ORVM template	1 set
17	Hole Saw 2mm	1 pcs
18	Silicone Sealant	1
19	Remote Sensor Tape	1
20	CR2032 Lithium Battery 3V	1
21	Cleaning Alcohol Swab	1





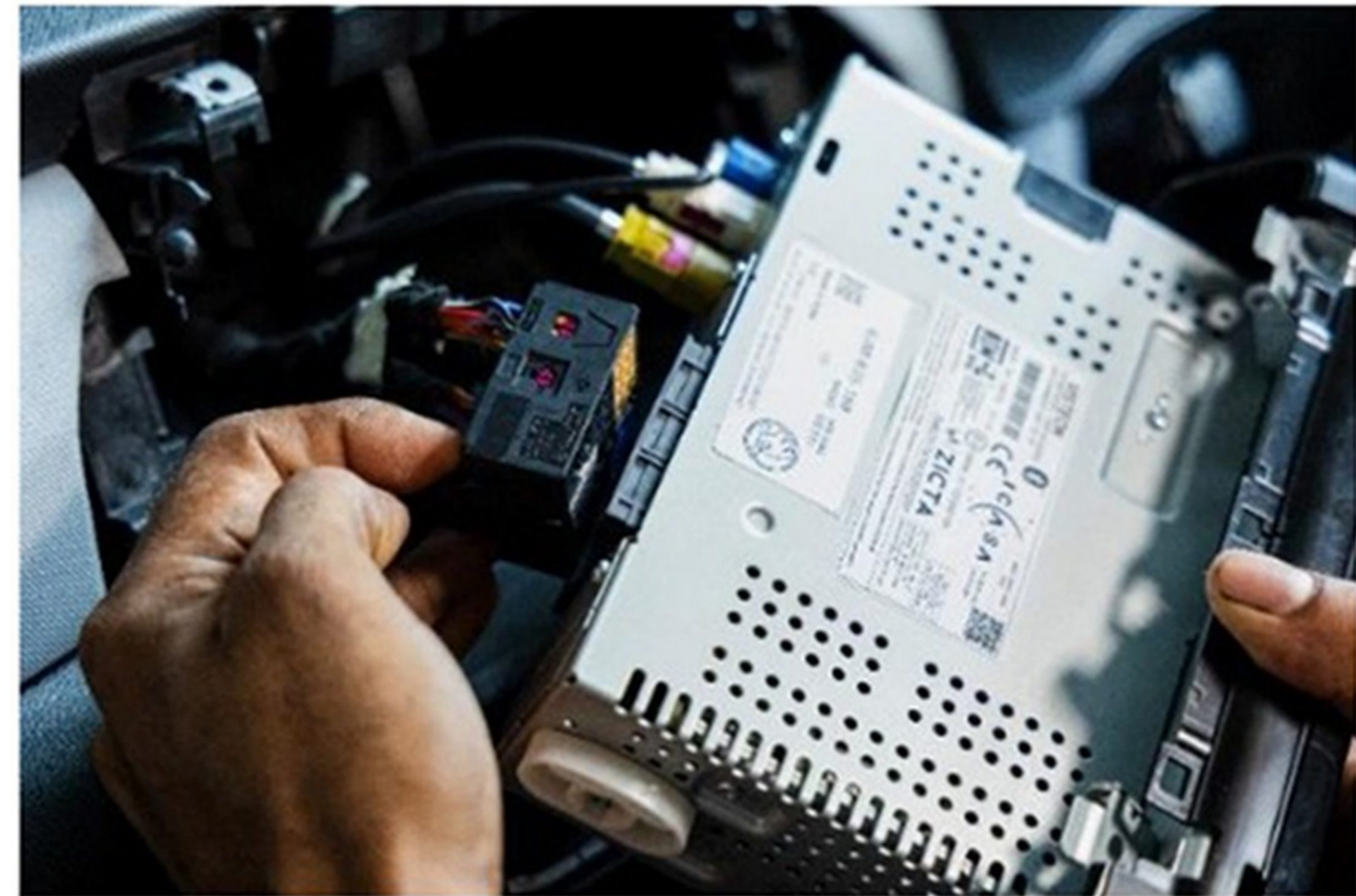
Step 1 :- Remove top Bezel Panel and the Screws



Step 2:- Insert PIN and disconnect Multimedia lock



Step 3 :- Remove series Multimedia as per series disassembly



Step 4 :- Disconnect all Series Cables from Multimedia/ Infotainment



Step 5 :- Unscrew plastic case



Step 6 :- Remove Multimedia plastic Trim

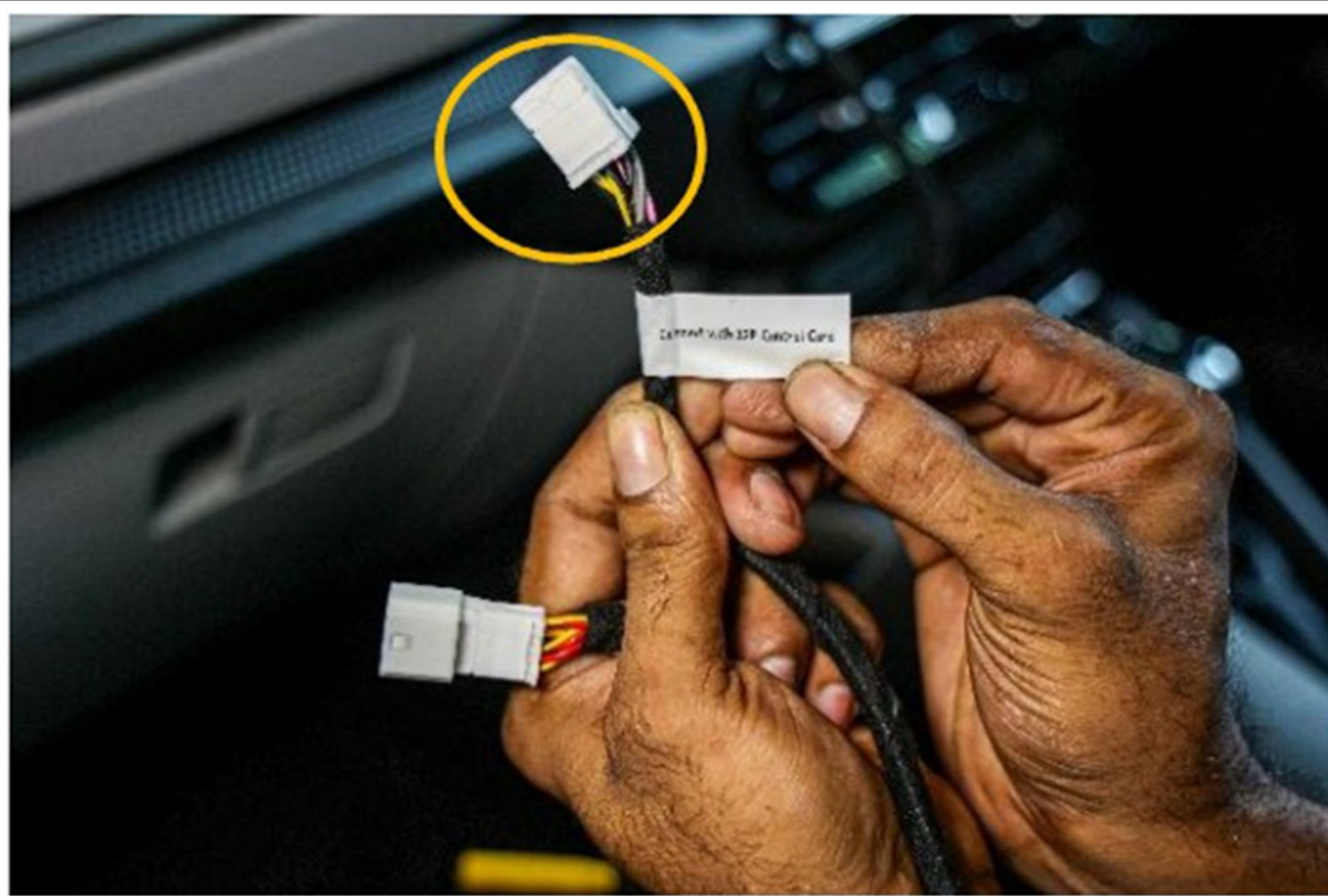


Step 7:- Connect SAVW Dedicated Power Cable (part 9) to Series Cable as per stickers on the part

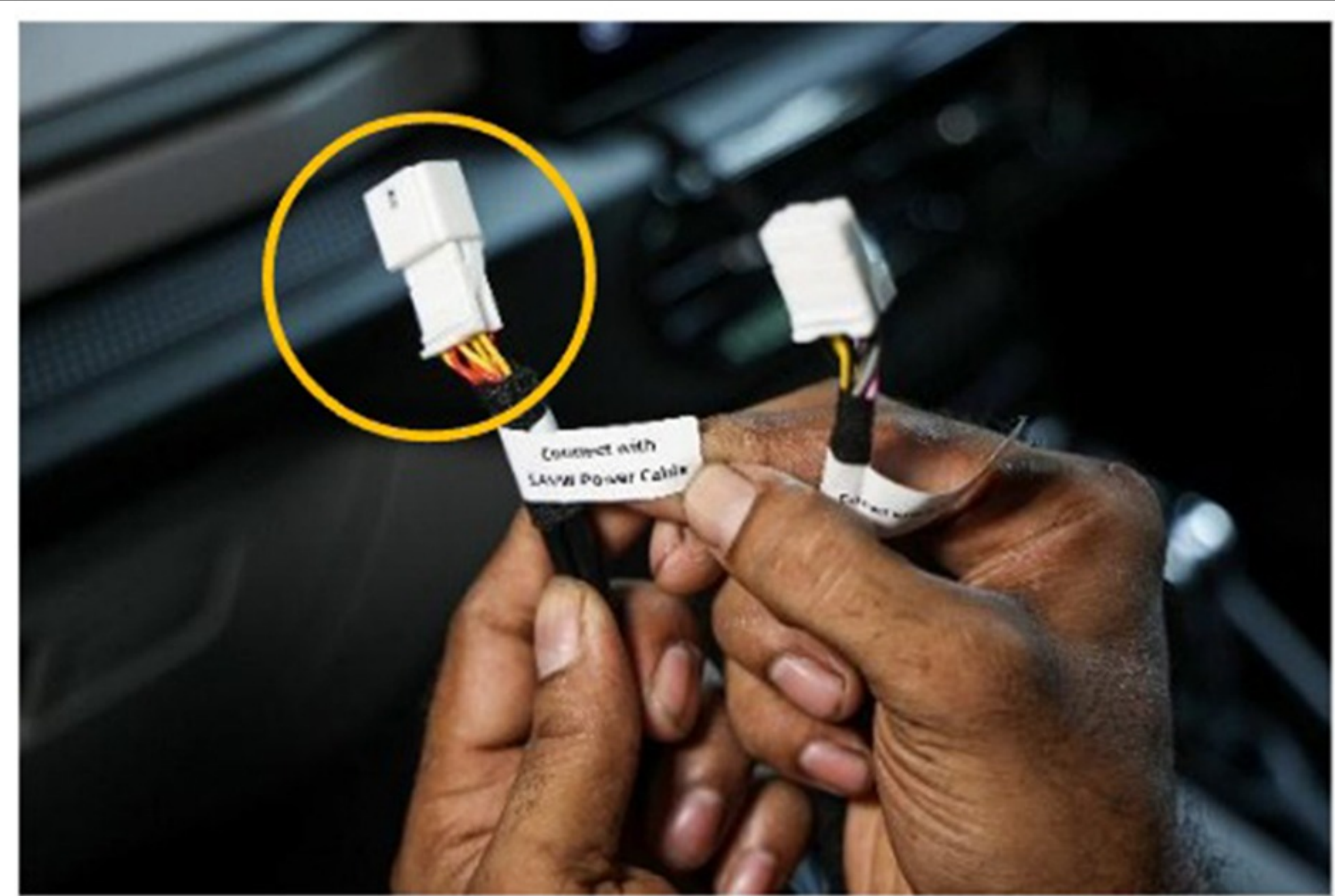


Step 8 :- Connect the other end of part (9) to series multimedia as shown on the sticker





Step 9 :- Take the 3rd end of SAVW Dedicated Power Cable (part 9)



Step 10:- Take the 32Pin Power cord ( Part no 6)



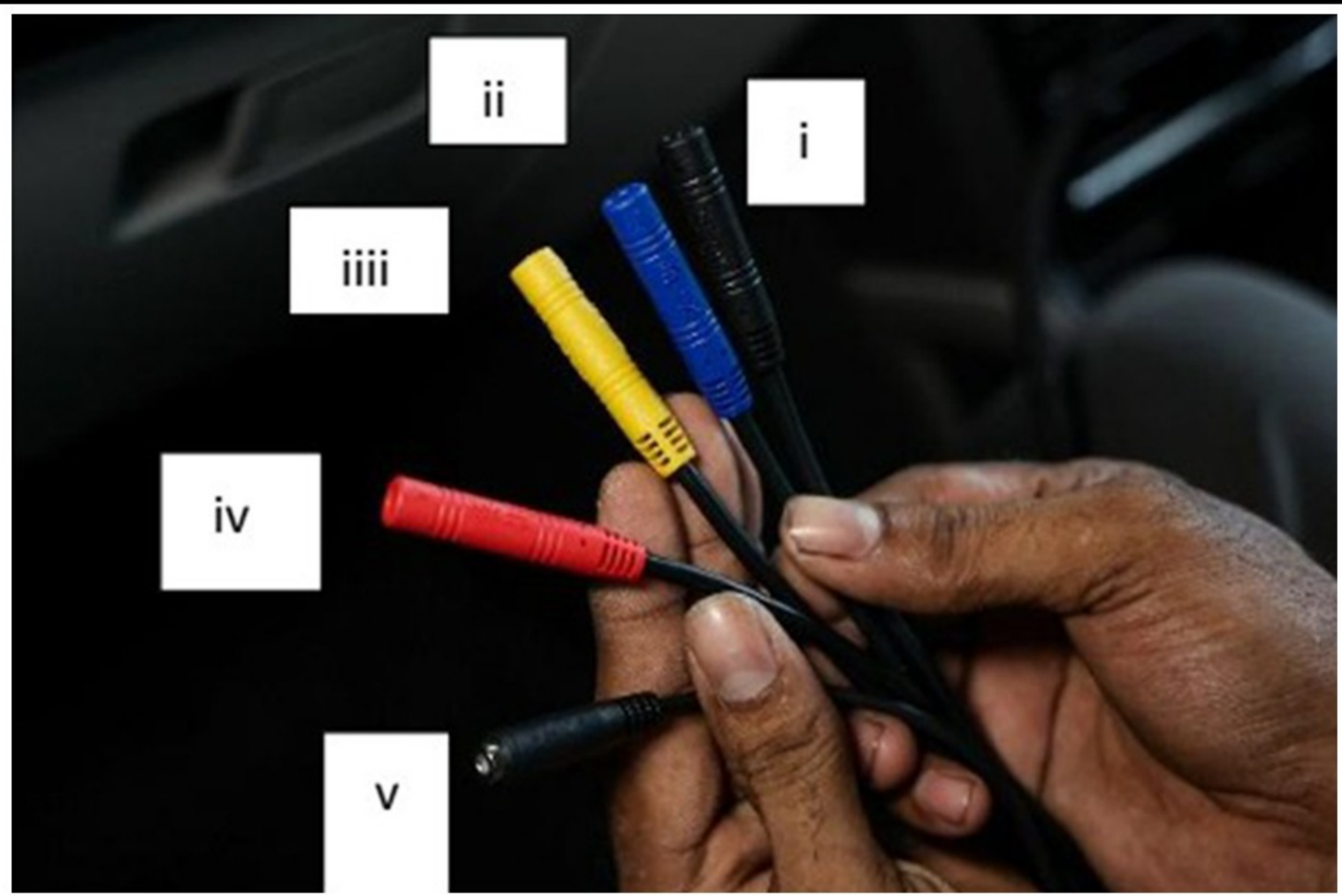
Step 11 :- Connect the 2 sockets as mentioned on the part stickers



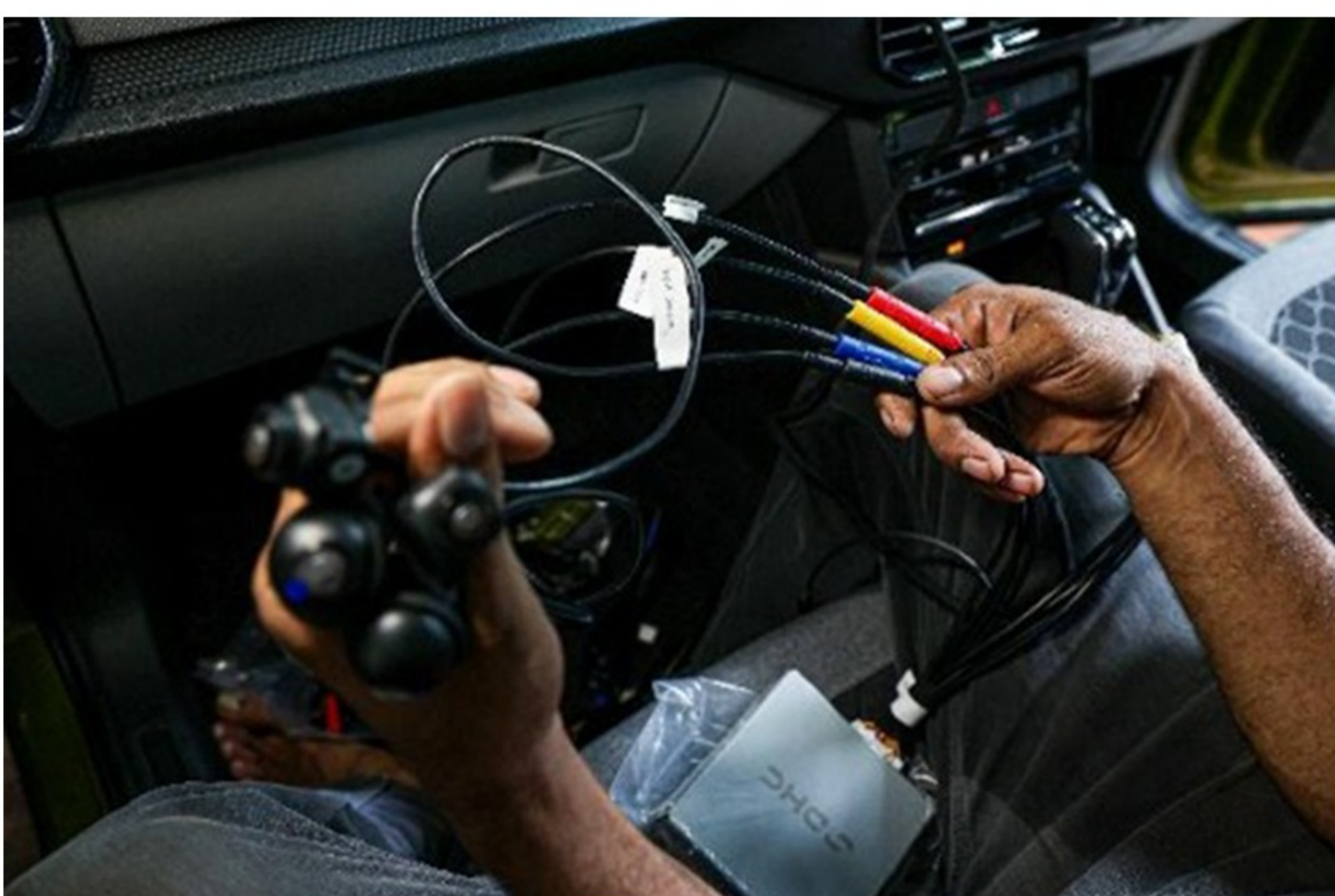
Step 12 :- Take the 32Pin Power Cord



Step 13 :- Connect it to Junction/ECU Box as shown



Step 14 :- These are the Camera connectors, i) Front camera ii) Right camera, iii) Rear Camera, iv) Left Camera, v) Sensor connector



Step 15 :- Connect all 4 cameras (as marked by stickers) to the camera cord as marked in step 14



Step 16 :- Function Check all camera by the powering on Infotainment

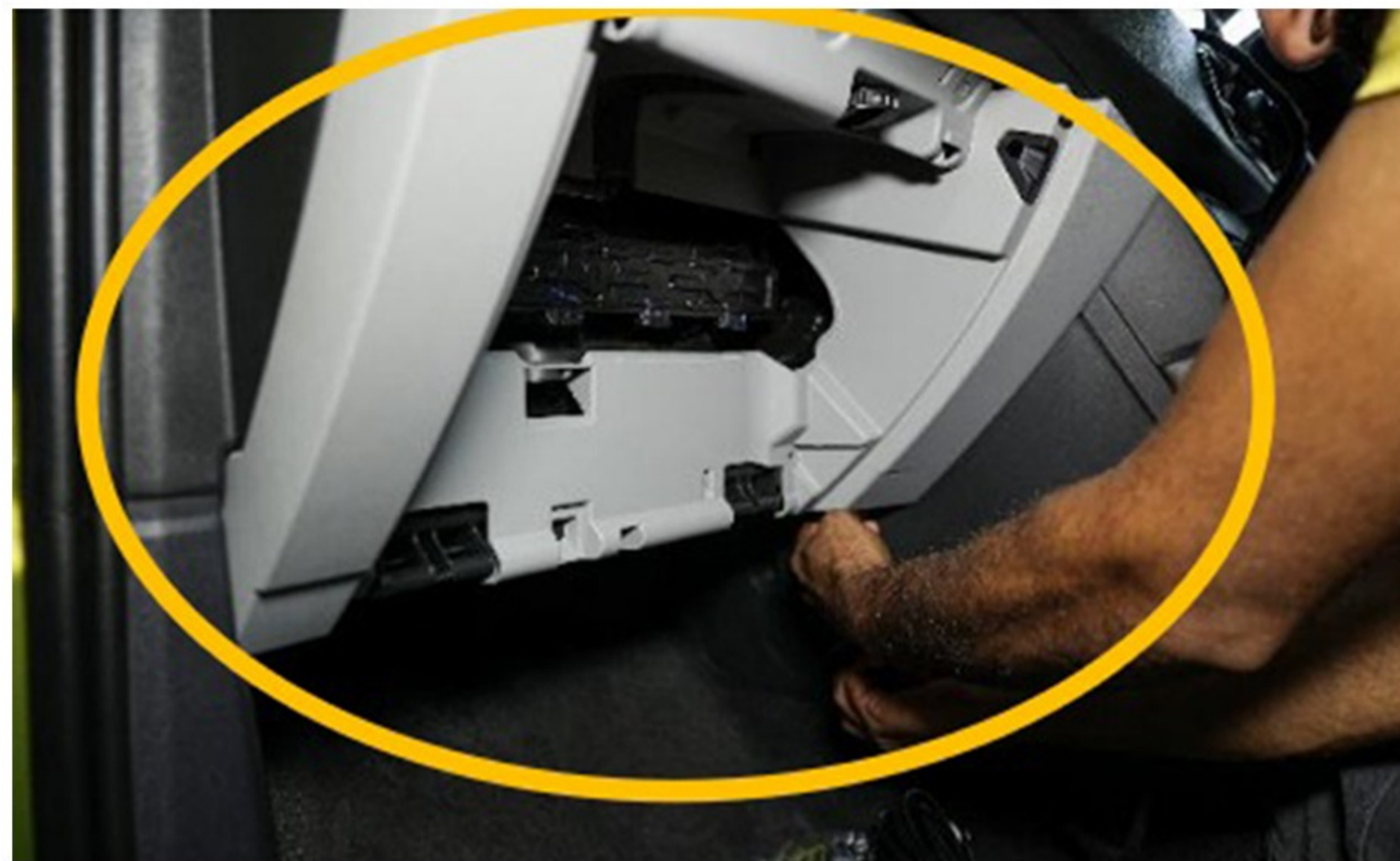




Step 17 :- Disconnect all cameras



Step 18:-Open glove box as per Series Process



Step 19 :- Unscrew the Plastic part as shown



step 20 :- Open dash board side trim



Step 21 :- Unplug the connecter



Step 22 :- Remove the glove box assembly



Step 23 :- Route the cable from back of multimedia to glove box area as shown



Step 24 :- Connect the 32Pin control cord (part 6 )with SAVW dedicated power cable( part 9) as step 11





Step 25 :- Connect the other end of 32Pin Control Cord to ( part 6)



Step 26 :- Remove the door trim as per series process



Step 27 :- Disconnect all connectors on the door panel



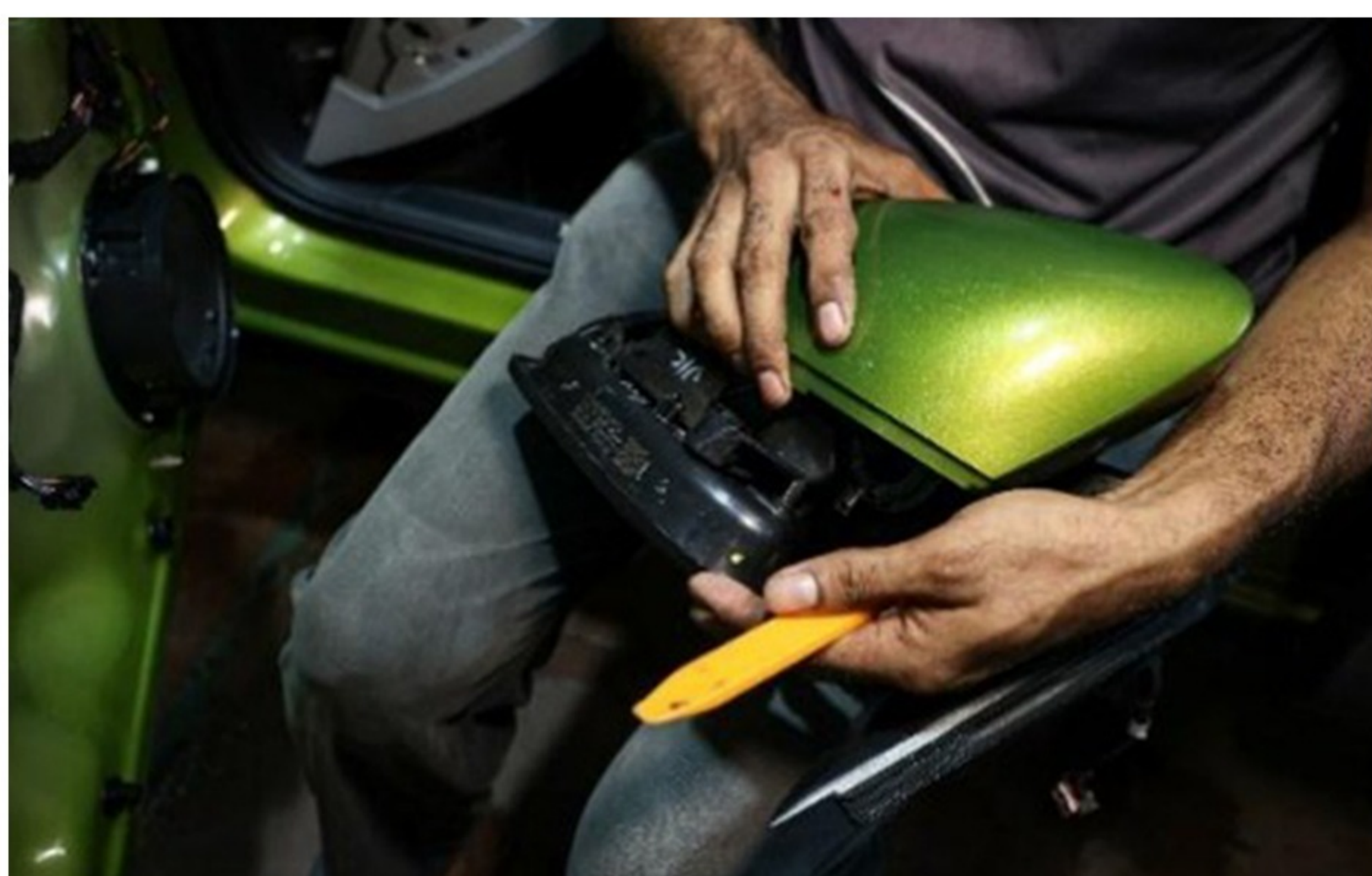
Step 28 :- Remove the left and right ORVM trim Cover as per



Step 29 :- Disconnect the ORVM Connectors



Step 30 :- Remove the Left and Right ORVM's carefully as per series



Step 31 :- Remove ORVM CAP from the Left & Right ORVM's



Step 32 :- Align ORVM Template as Shown PART 16





Step 33 :- Drill the hole using hole saw (part 13) as per markings given on the template



Step 34 :- Insert Left and Right camera in ORVMS respectively with Rubber cover/ cap on the Camera



Step 35 :- Route the Cables Through the space marked (for more clear demonstration kindly refer to the installation video)



Step 36 :- Remove the Foam Part



Step 37 :- Remove the cover



Step 38 :- Route cables as shown from rubber Grommet

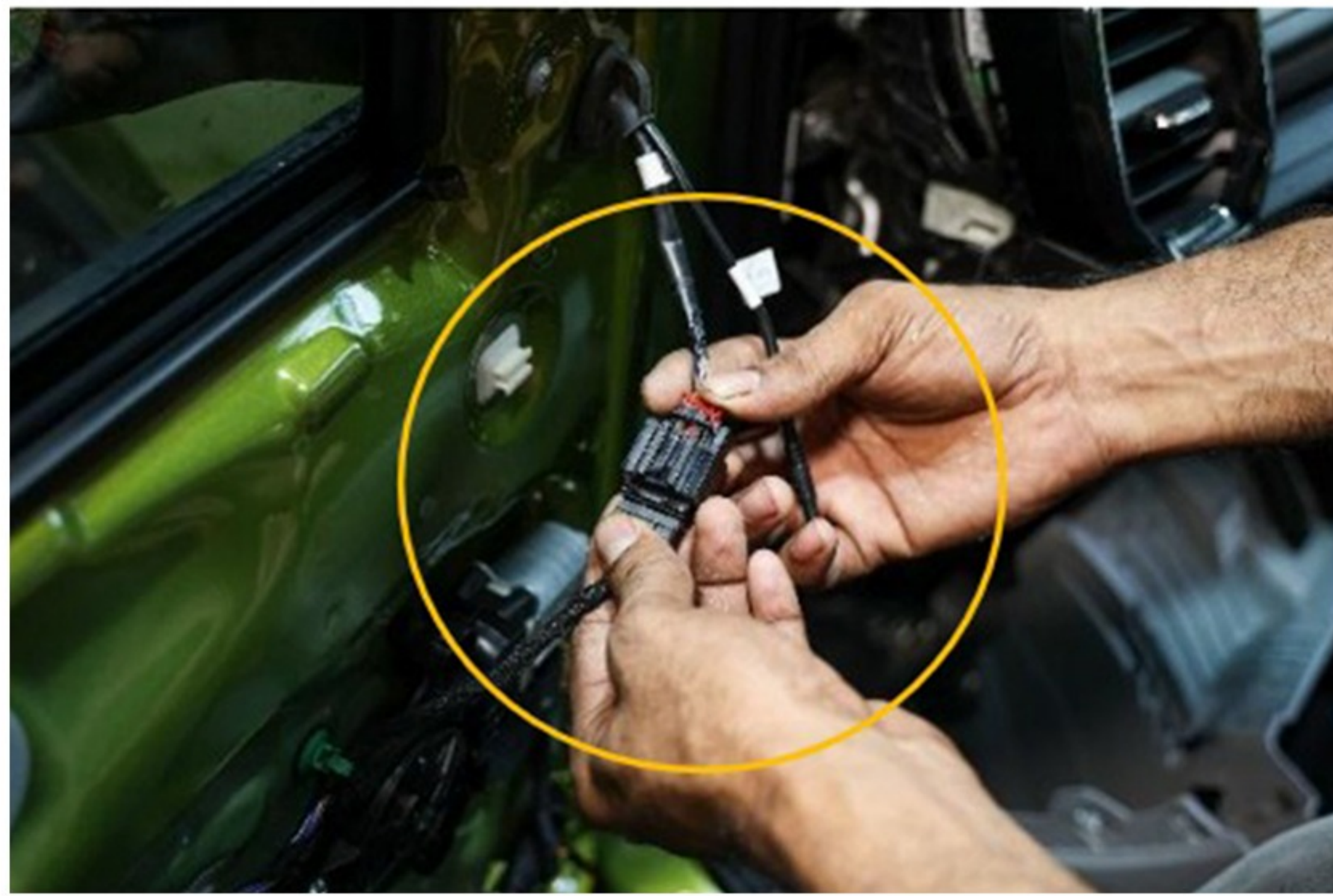


Step 39 :- Connect Left and Right ORVMS and route cables as shown

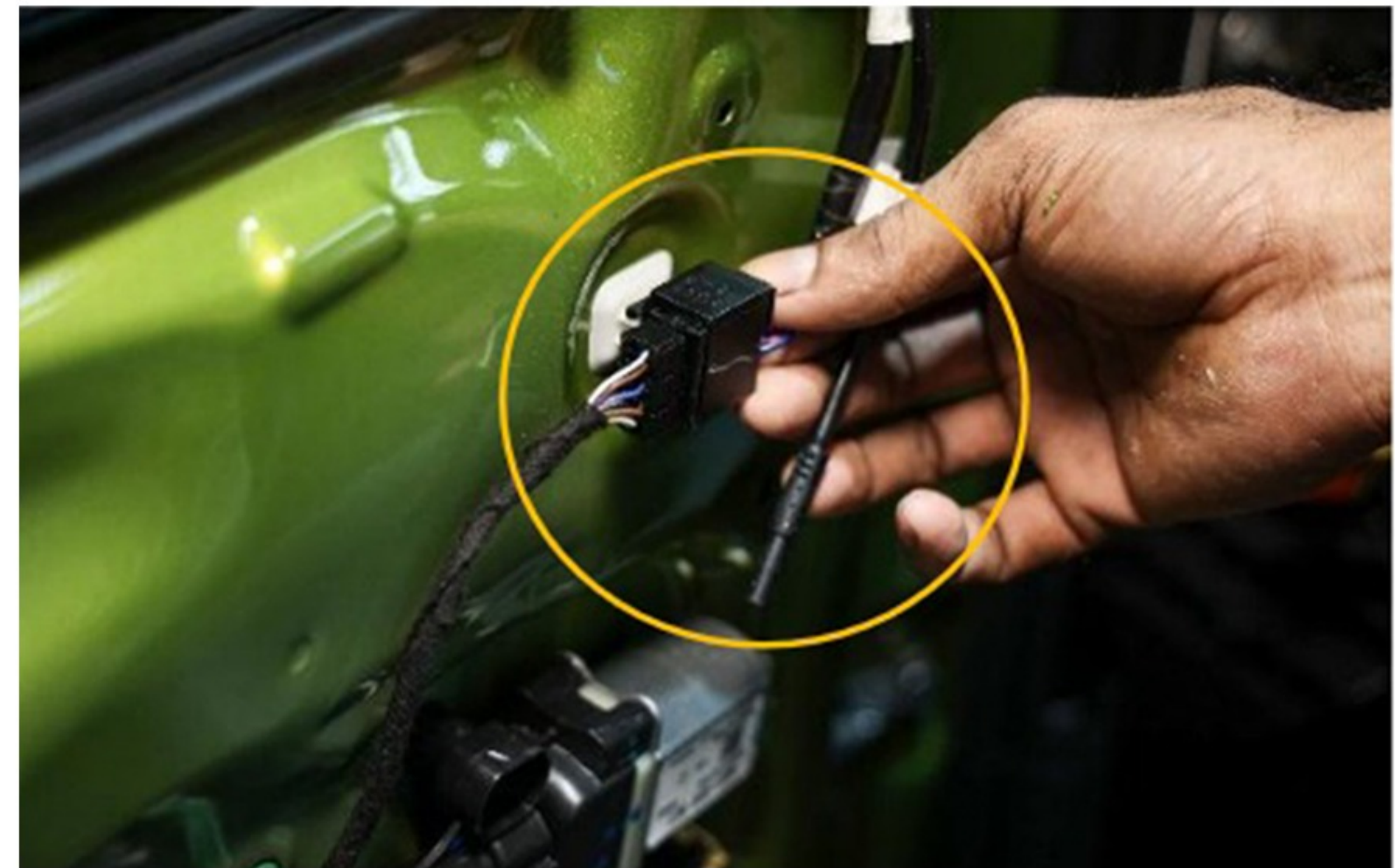


Step 40 :- Connect rubber caps properly





Step 41 :- Connect ORVM's Connectors

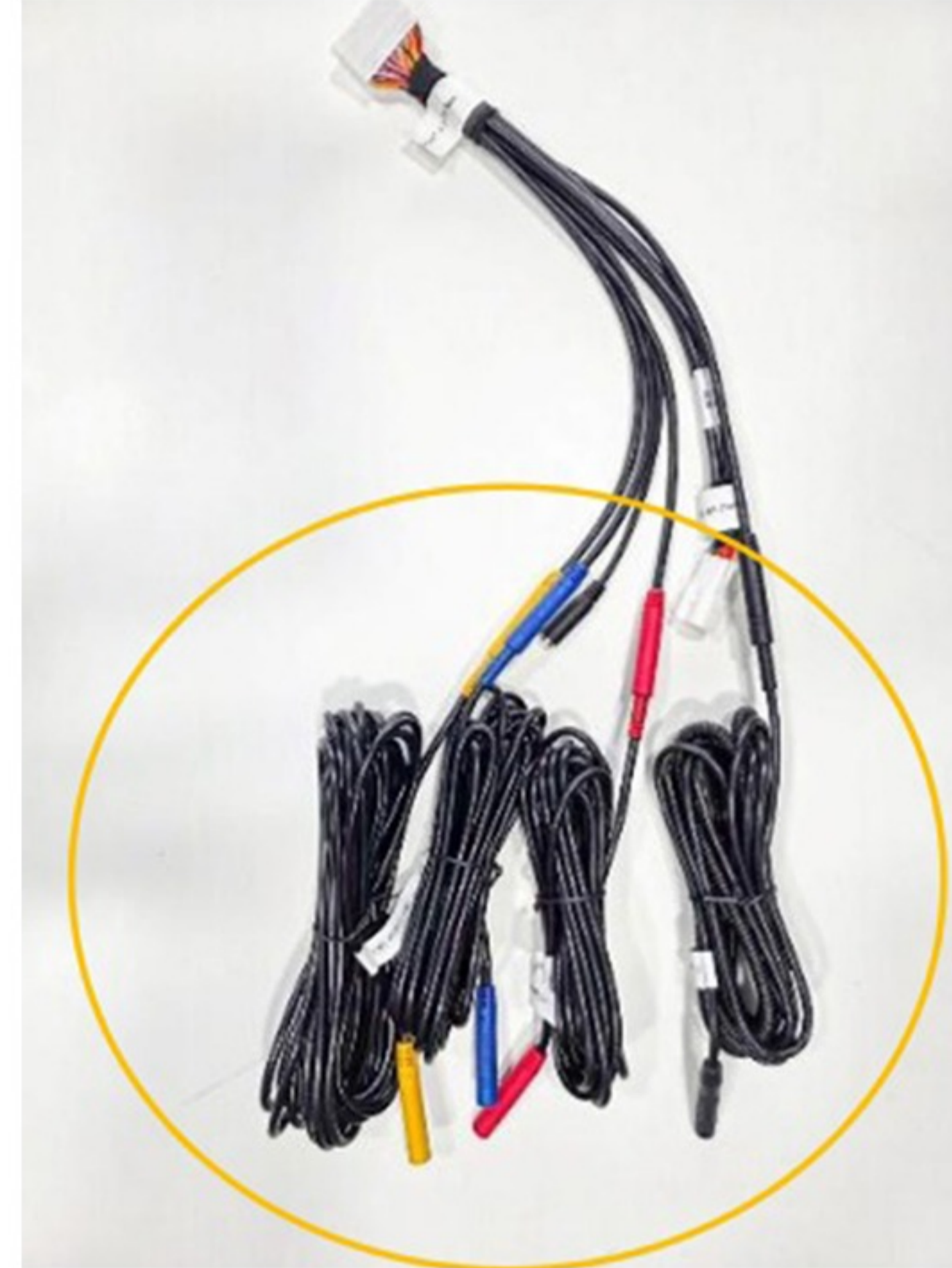


Step 42 :- Lock connectors as per Series Fitting



Step 43 :- Connect Left Camera to Left Extension Cable as shown door panel

Step 44 :- Overview of all 4 camera Extension Cable (part 2,3,4,5) Connect one end of extension cable to the respective camera and the other end to 32Pin power cord as shown (part 6)



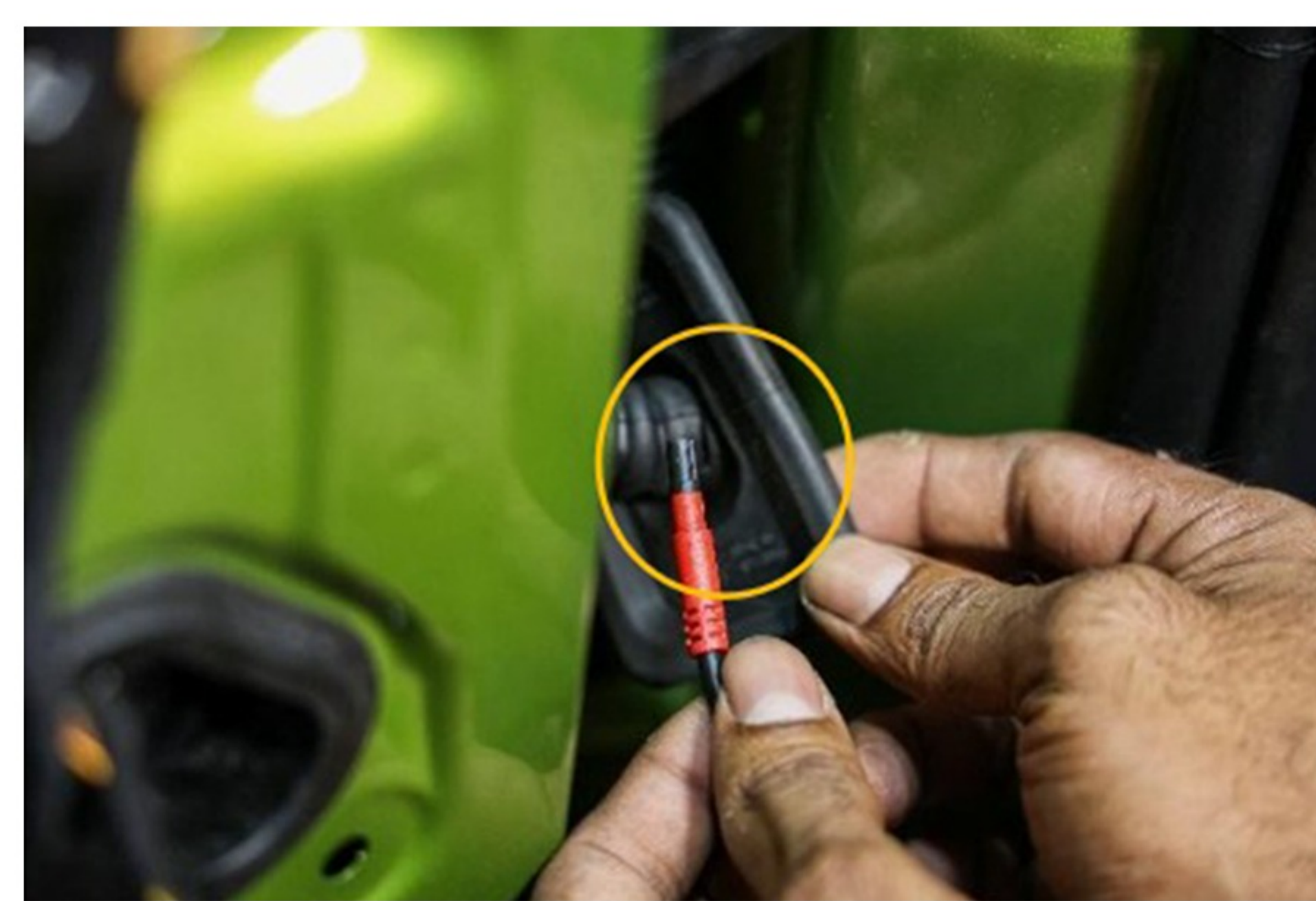
Step 45 :- route extension cable with the series cables



Step 46:- Route extension cable through the rubber grommet as shown in step 45

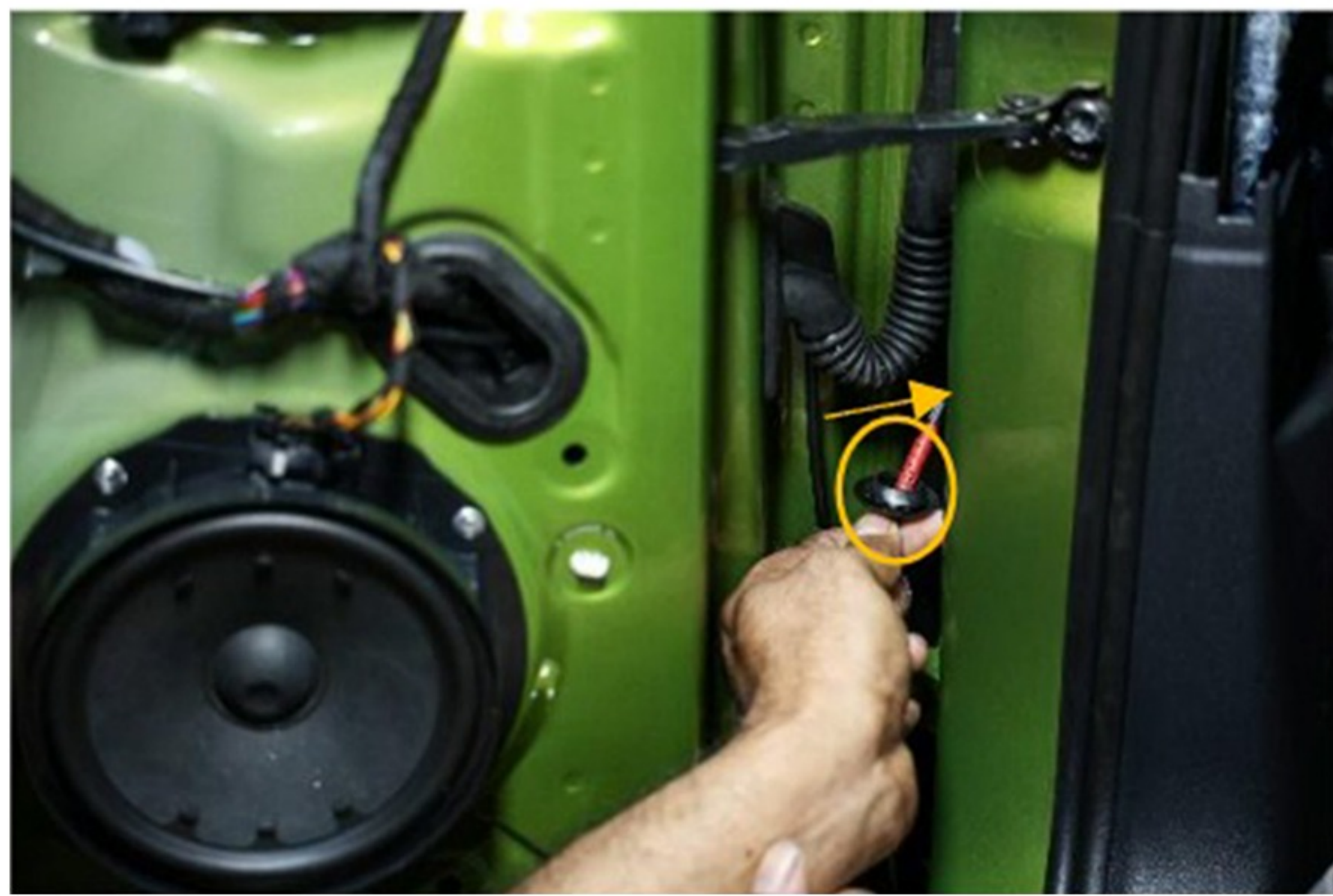


Step 47 :- Route cable from the rubber sleeves to the area shown in the image ( Route delicately)



Step 48 :- Route Cable through the Rubber Part as shown





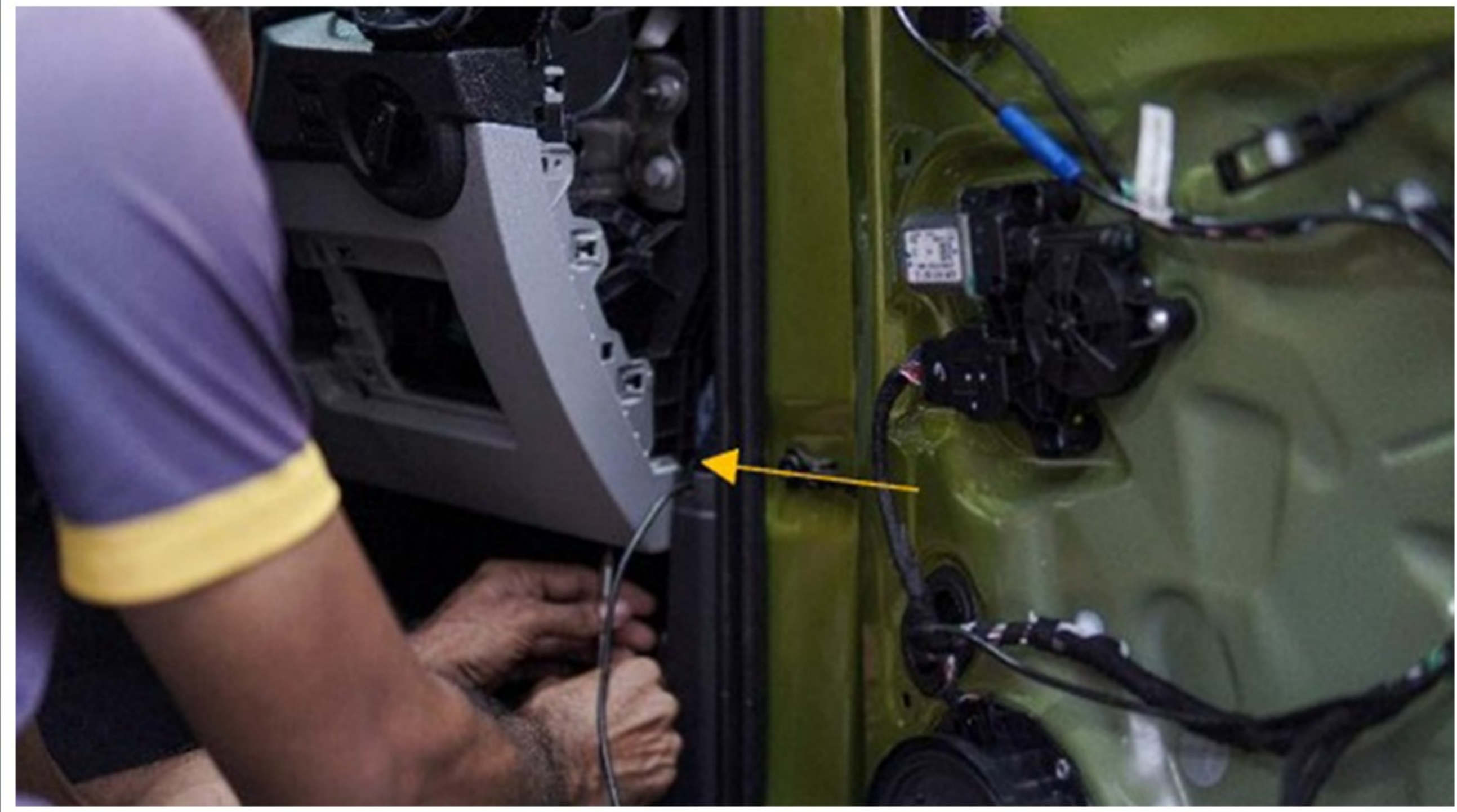
Step 49 :- After route the cable through the rubber grommet pass it the body hole given for the series harness



Step 50 :- After route through the hole, pull all the excess cable



Step 51 :- Keep the Extension Cable connector near the glove box area



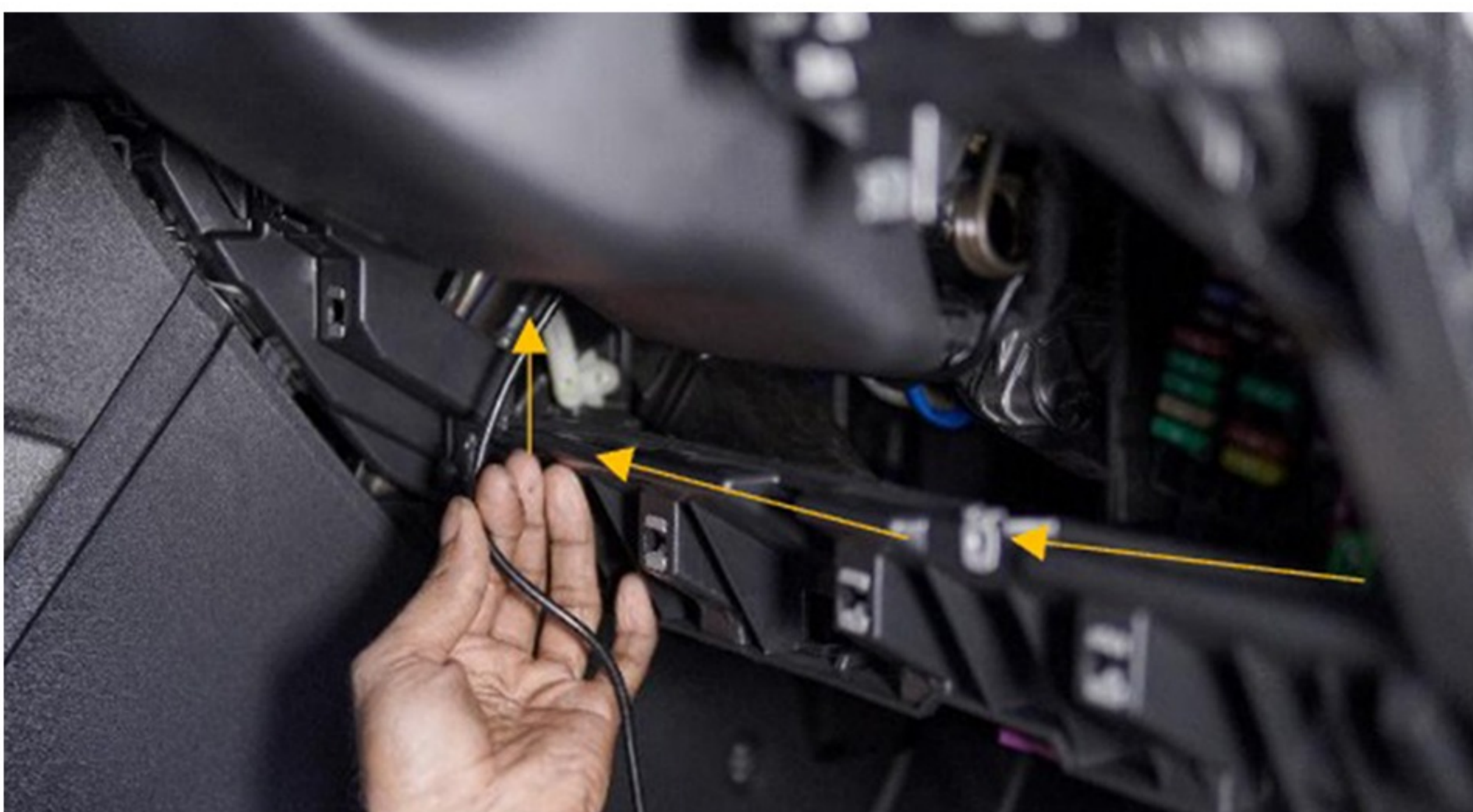
Step 52 :- Repeat the same process on the Right Door, route the extension cable as marked



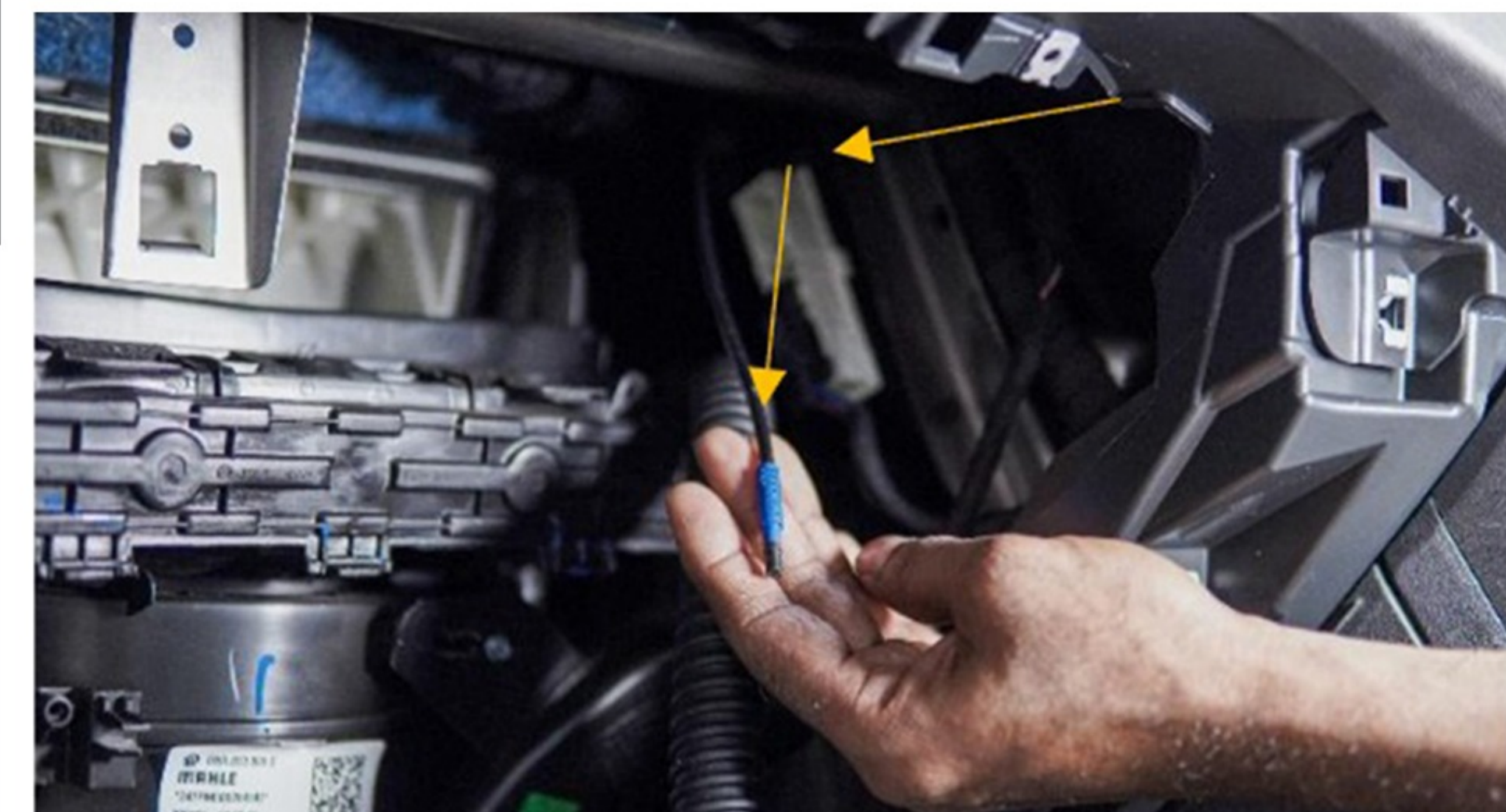
Step 53 :- Remove the fuse box cover as per series process



Step 54 :- Route the Cable as shown



Step 55 :- Route the Cable as shown underneath steering column

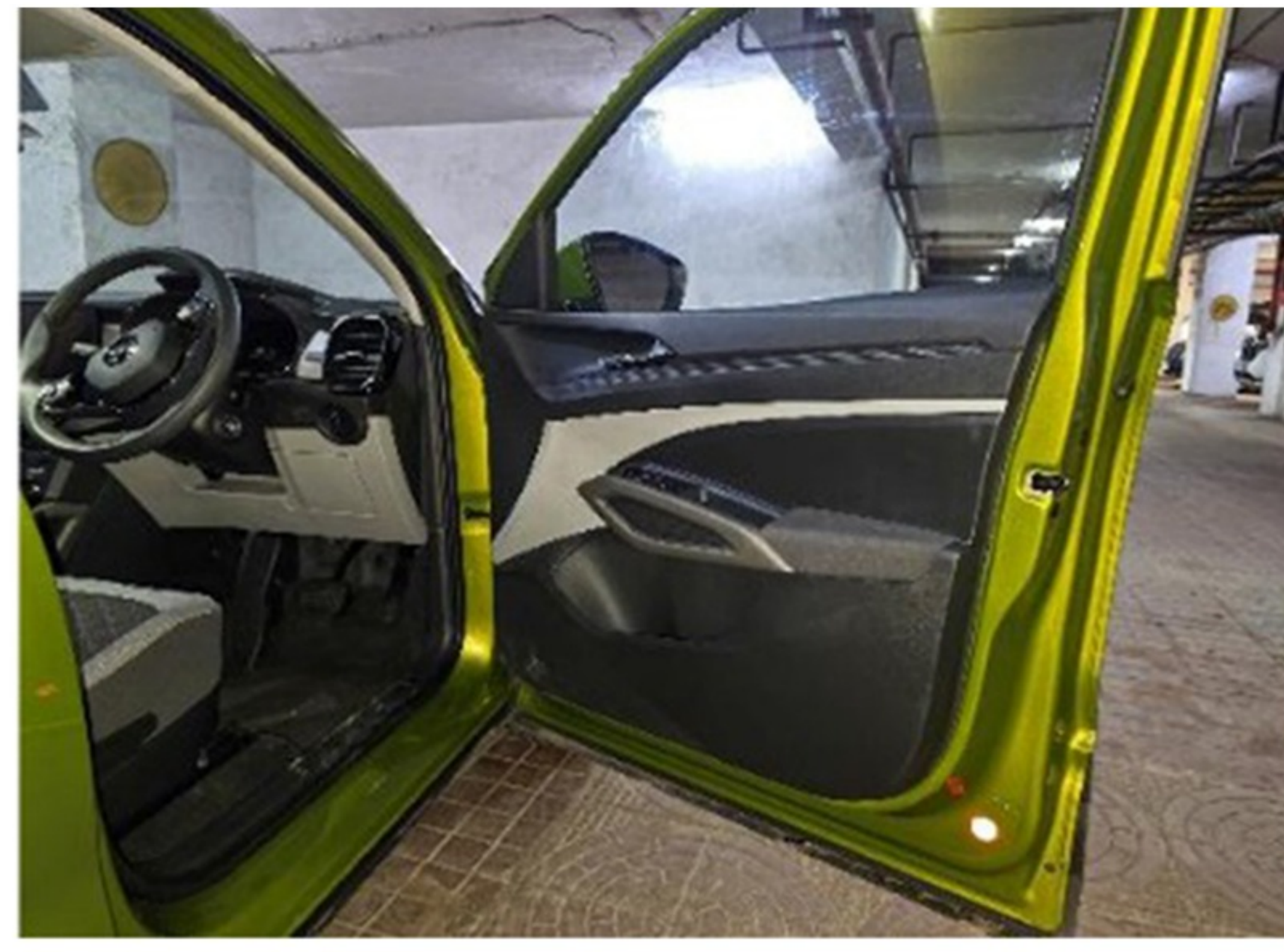


Step 56 :- Pull the cable till the junction box area





Step 57 :- Assemble fuse box cover back the as per Series process.



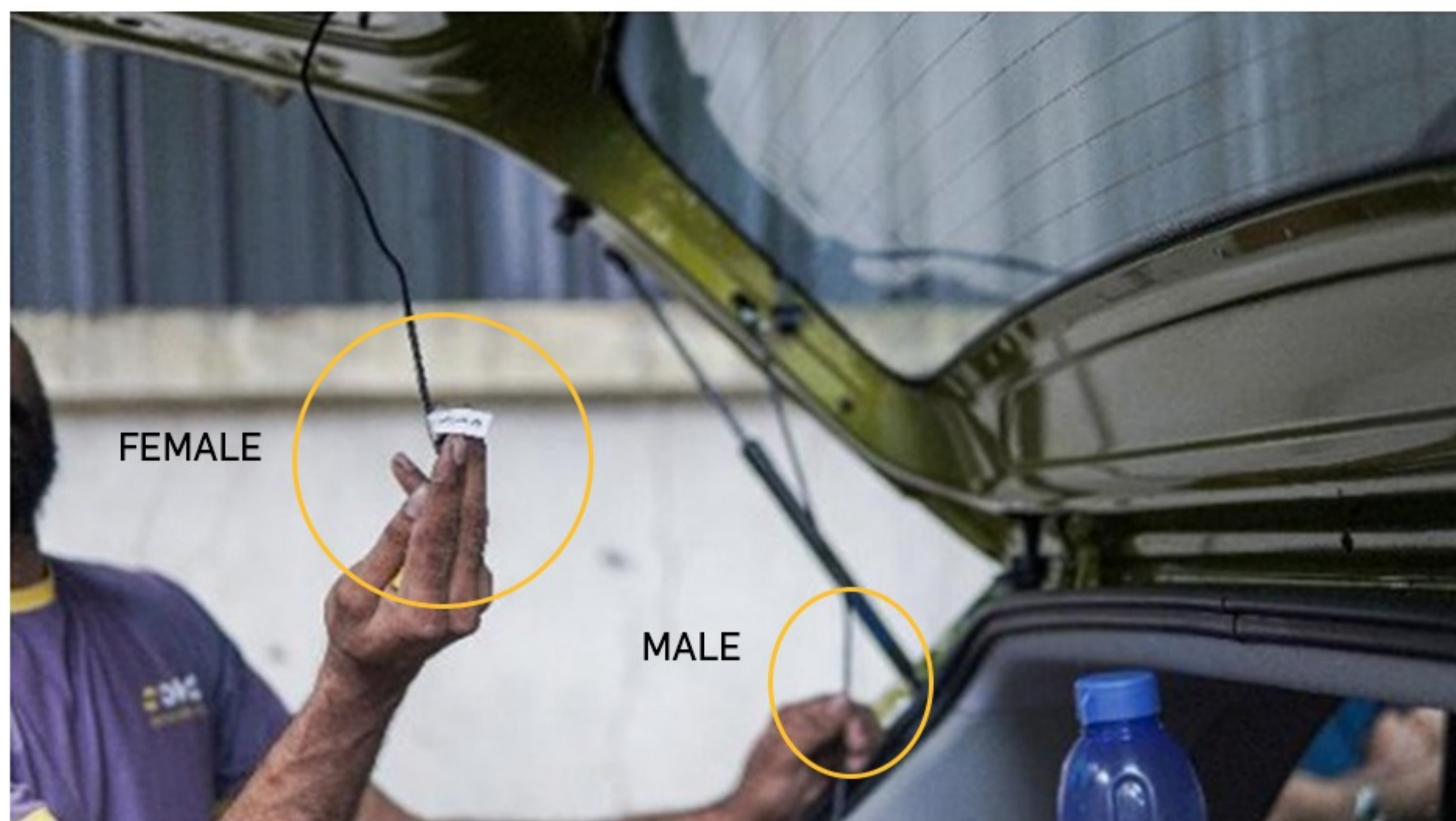
Step 58 :-Assemble door trim of Left & right door + ORVM as per series process After ensure all electrical connections.



Step 59 :- Remove the tailgate Plastic Trim as per Series process.



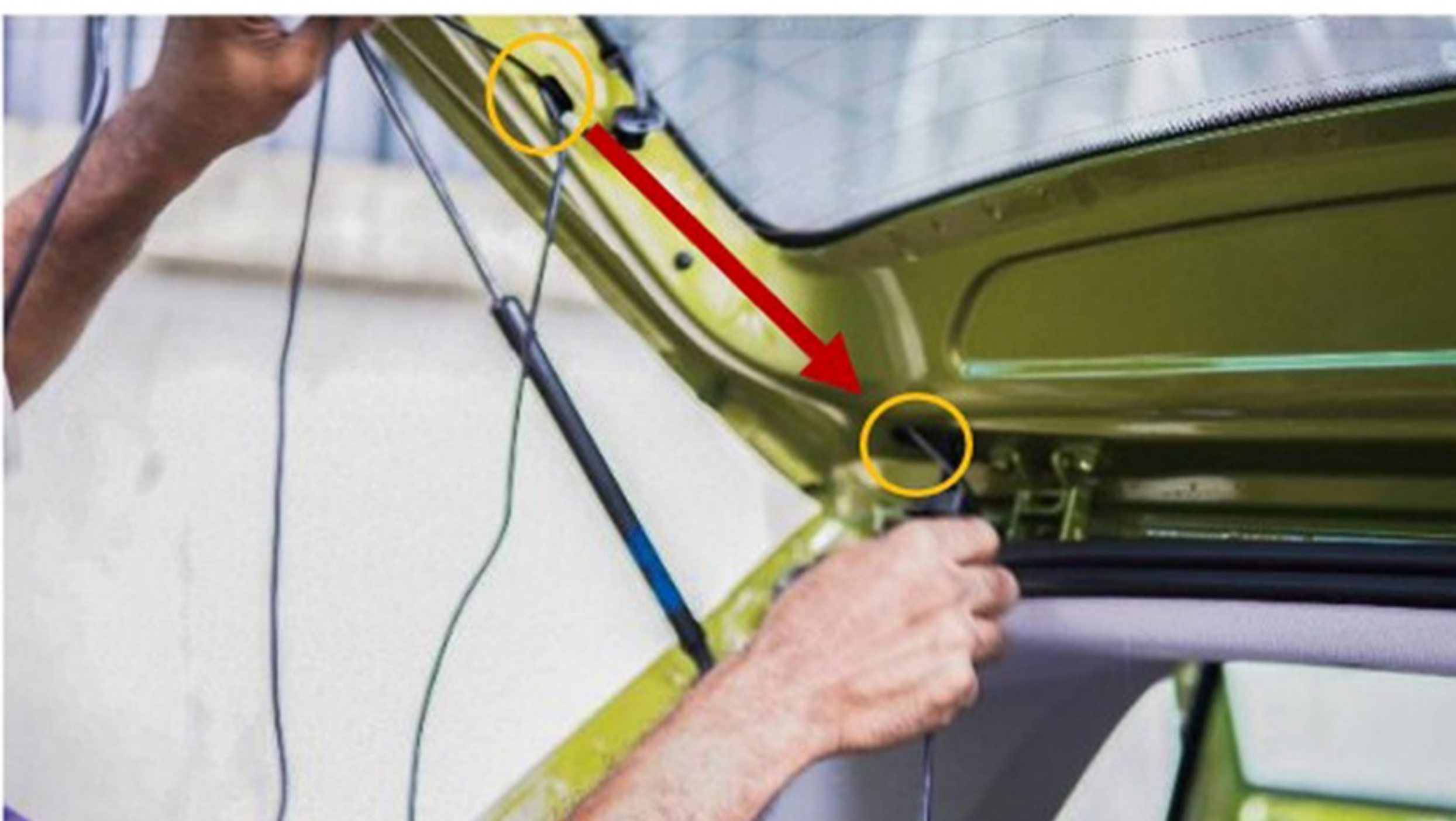
Step 60:- Take Rear extension cable (part 4) for routing



Step 61 :- Route extension cable yellow(Part 4) from boot Area to Glove box.



Step 62 :- Start routing Cable as shown



Step 63 :- Route Cable as shown from holes in tail gate.



Step 64 :- Route Cable as shown from holes in tail gate.





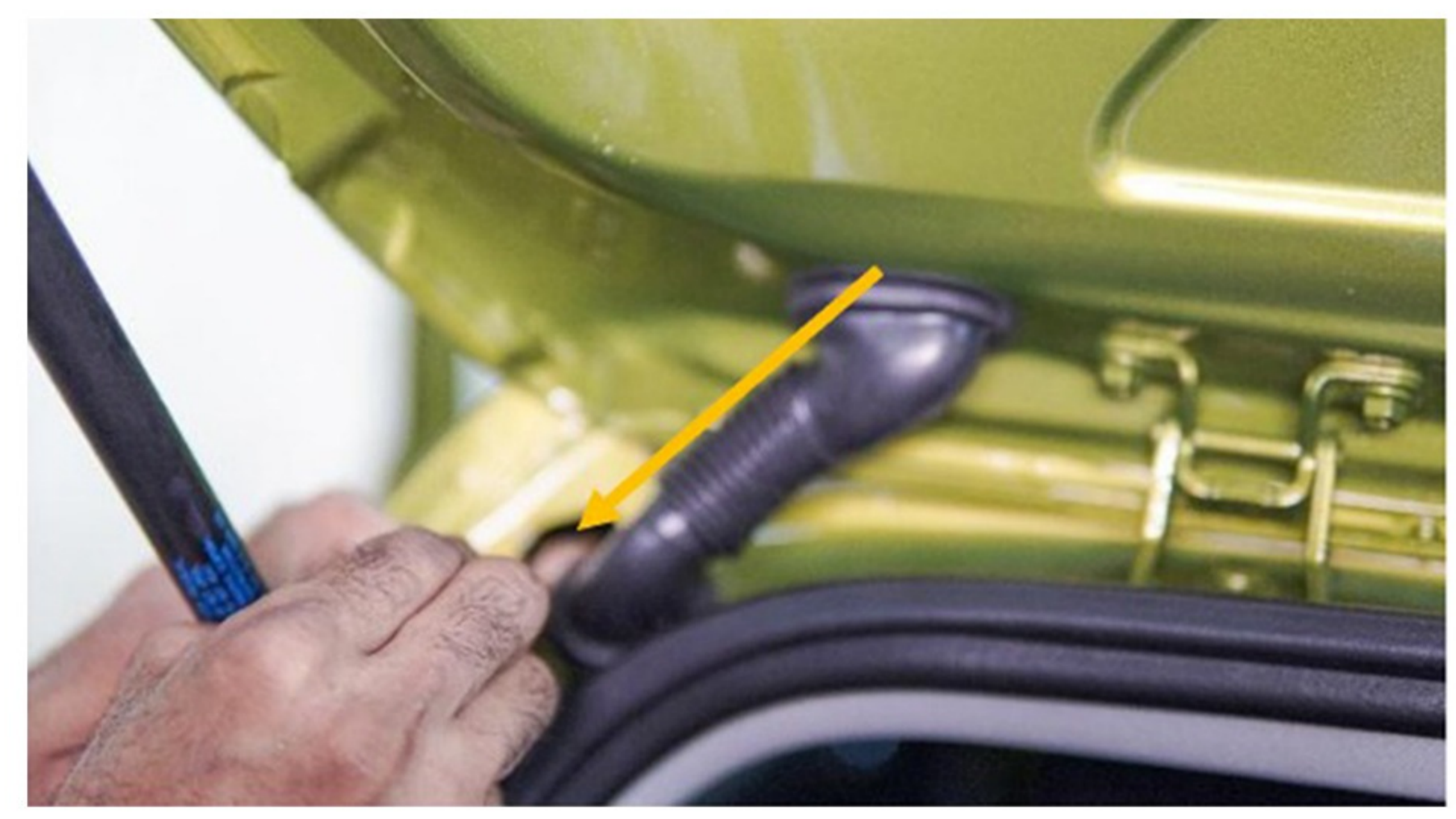
Step 65 :- Route Cable through the rubber sleeve



Step 66 :- Route Cable as shown



Step 67 :- Attach fitment top portion of rubber sleeve back as per series fitment



Step 68:- Route cable via bottom opening of the rubber sleeve



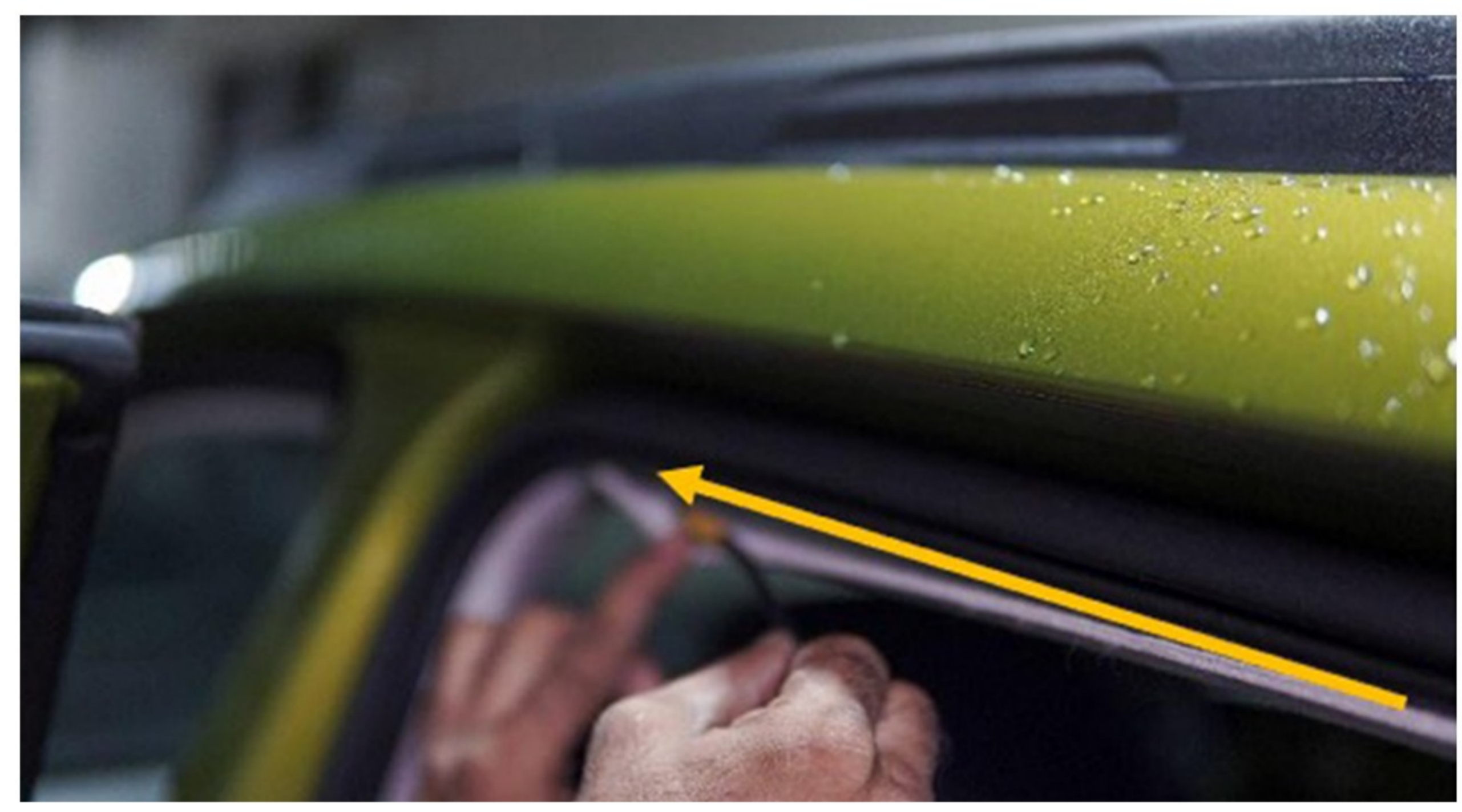
Step 69 :- Remove roof liner gently and routing of cable through roof liner.



Step 70 :- Route the cable as shown from sleeve to roof liner.

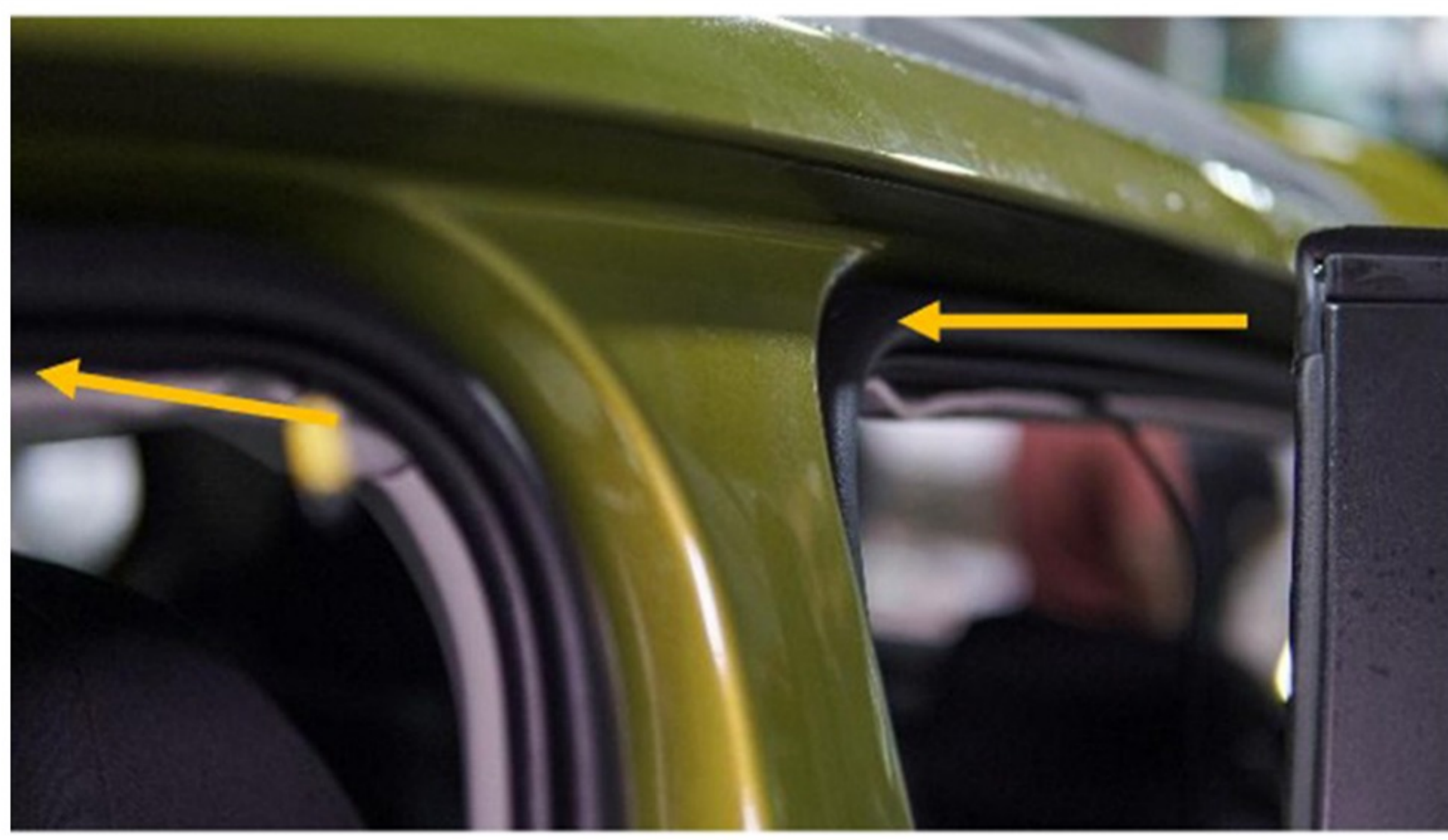


Step 71 :- Routing cable through the Roof liner from rear door to front door.



Step 72 :- Routing cable through the Roof liner from B-Pillar to A-Pillar





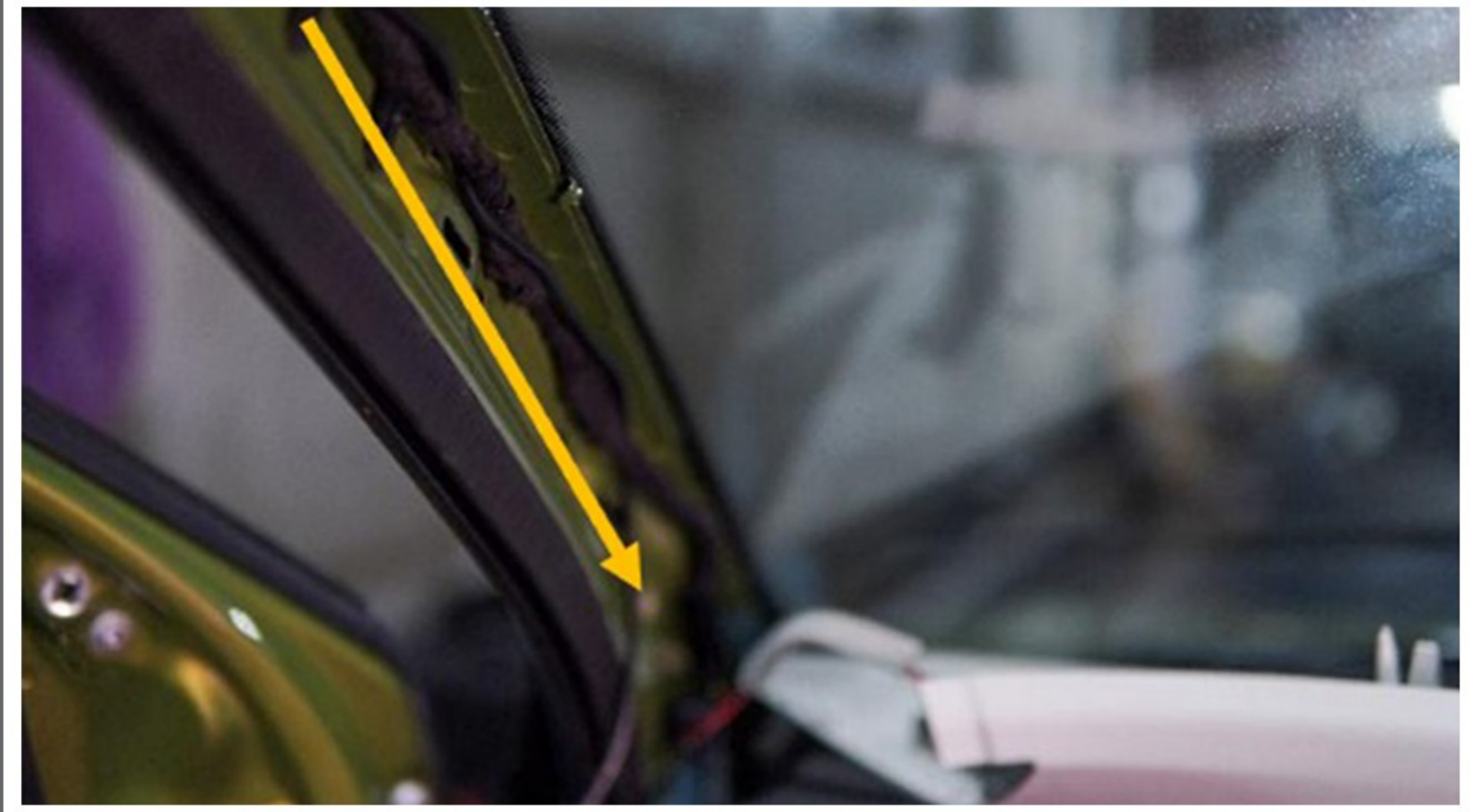
Step 73 :- Route cable through the Roof liner



Step 74 :- Route cable through the Roof liner



Step 75 :- Dismantle A pillar trim as per series process



Step 76 :- Route cable underneath the A pillar



Step 77 :- Route the cable through dashboard side trim and refitment of A pillar Trim and roof Liner

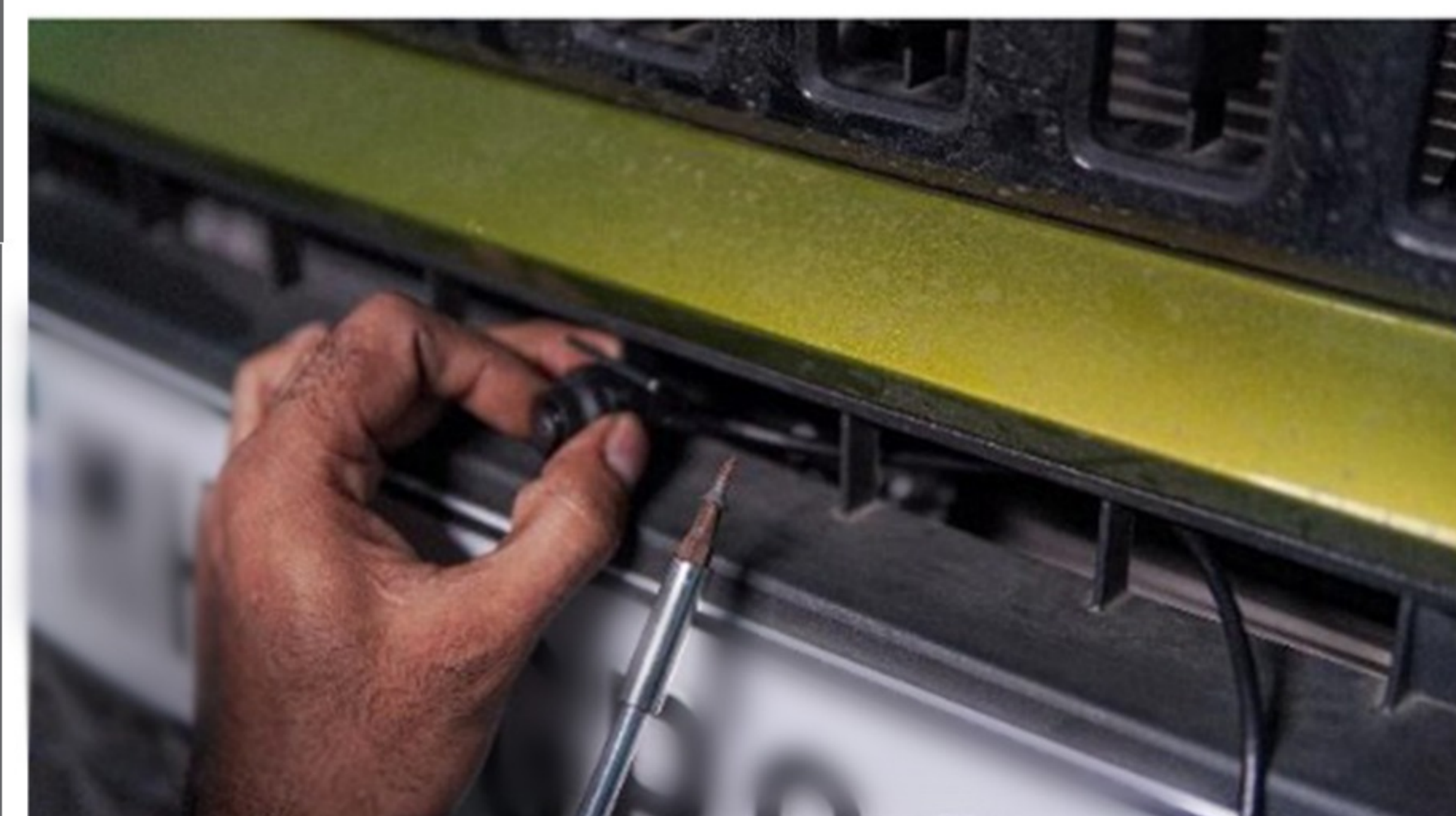


Step 78 :- Bring the cable near the Glovebox area for next connections

FRONT CAMERA ASSEMBLY



Step 79 :- Measure Length from Left and Right side as shown and place and Front Camera



Step 80 :- Place the Front camera ( part no 7) as per step 79





Step 82 :- Fit the camera with self tapping screw ( part no 12)



Step 83 :- Remove the bumper insert cover near engine bay as per series process



Step 84 :- Take Front extension cable ( Part no 5)



Step 85 :- Connect the Front Camera (Part no 7) and Front Extension Cable (Part no 5)



Step 86 :- Route Cable through the edges of engine bay



Step 87 :- Route Cable (kindly refer the video if any confusion)



Step 88 :- Route Cable by fender edge till glove box (kindly refer the video if any confusion)



Step 89 :- Route cables as marked till glove box ( kindly refer the video if any confusion)





Step 90 :- Route cable through the rubber sleeve and to the glovebox area ( kindly refer the video if any confusion)



Step 91 :- Connect all 4 camera extension cables ( Part no 2,3,4,5) to the 32Pin power cord ( Part no 6) as shown



Step 92 :- Reinstall the bumper insert cover near engine bay as per series process



Step 93:-Connect the Remote Sensor to the 32Pin power cord as shown After connecting the sensor cable, pass the cable



Step 94 :- Stick the sensor, as above location as shown



Step 95 :- Measure the length of 1inch from all 3 sides from left boot light to tailgate



Step 96 :- After removing the 22.5mm bit (Part no 13 ), a smaller bit 8 mm is revealed, place it on the drill machine



Step 98 :- Drill a hole as per marked location in step 95 paint touch up to be done to avoid rusting if required





Step 99 :- Route rear camera (Part no 7) cable through the hole paint touch up to be done to avoid rusting if required



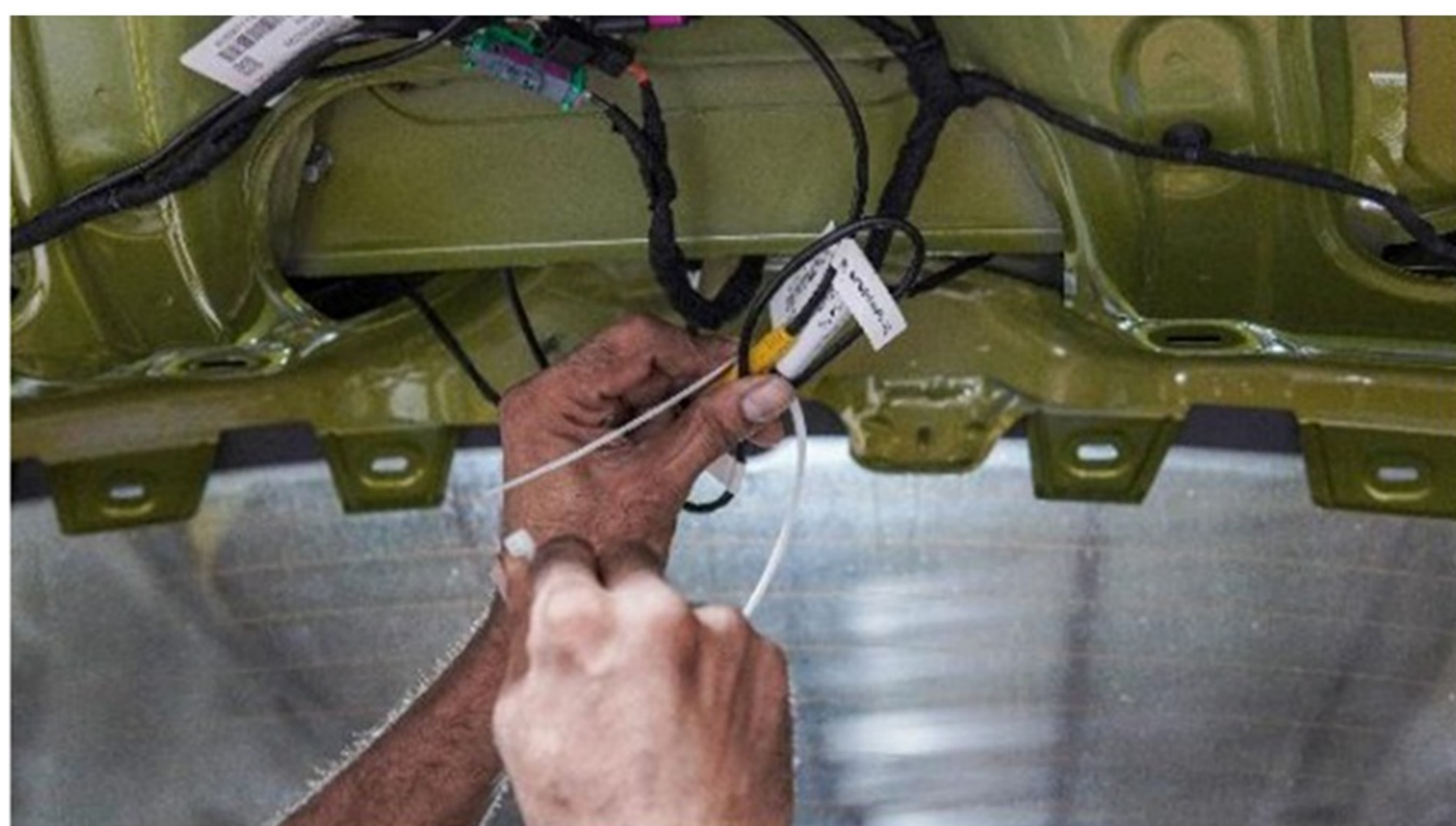
Step 100 :- Drill 2 small hole with the smaller holesaw ( Part no 17)2mm to fix the 2 screws (Part no 12) for rear camera



Step 101:- Screw(Part no 12) and fix the rear camera (Part no 7)



Step 102:- Connect rear camera (Part no 7) to the rear extension cable (Part no 4)



Step 103 :- Tie any excess cable with tie cable (Part no 6)



Step 104 :- assemble the tailgate trim as per series process



Step 105 :-Tie cable the (Part no 8) excess cables near the glove box



Step 106 :- Place the cables as per the marked location





Step 107 :- Place the junction box ( Part no 1) as shown and tie it with 2 tie cable and ensure secure fittment



Step 108 :- Reconnect air bag connector & Glove box assembly as par series process



Step 109 :- Install mutimedia / infotainment Trim



Step 110 :- Connect the multimedia cables



Step 111 :- Fitment of mutimedia /infotainment as par series process



Step 112 :- Measure from the tyre 35 inches and align the mat 35 inches from the both front tyres mat has to be placed. (Please refer to the video for reference.)



Step 113 :-Place the mat carefully in orderly way to the left side of the car, the mat should remain staright/ parallel to car



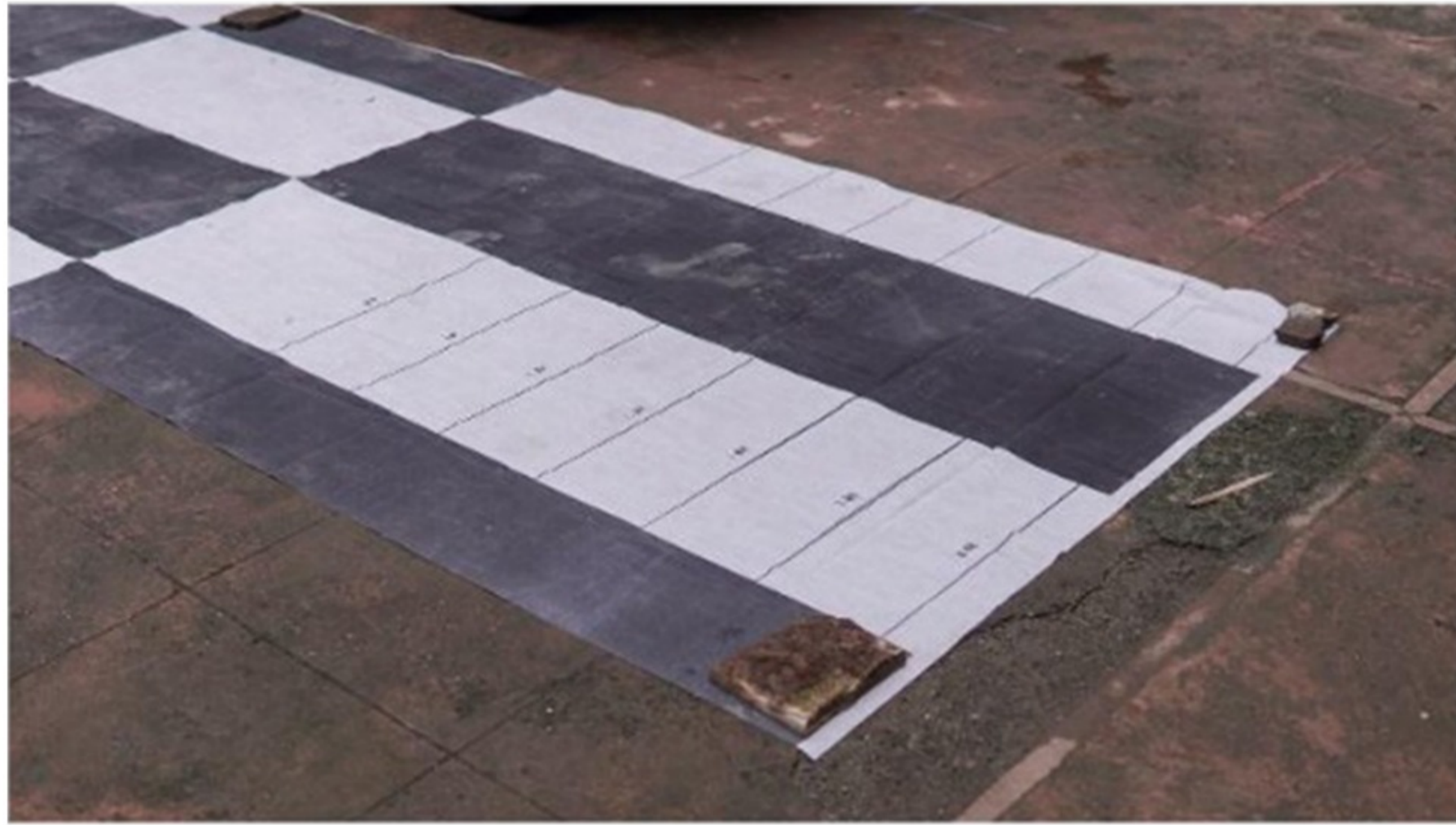
Step 114 :- Place the mat carefully in orderly way to the right side of the car, the mat should remain staright/ parallel to car

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Step 115 :- Offset will be written on the mat, place the rear mat exactly on 0.8 on both sides, the rear mat should be placed parallelly to the kalaq car



Step 116 :- As shown the rear mat is placed exactly on 0.8 (kindly refer the video for better understanding)



Step 117:- make sure the mat is straight/flat from all side and not folded



Step 118:- overview of the mat setup - equally alligned on all 4 sides (put small weighted object on the mat in order to restrict movement of the mat)



## AUTO CALIBRATION PROCESS



Step 119 :- Go to the settings after putting the password which is only available at the dealership



Step 120 :- Scroll down to "Version" tab and click on it 5 times continuously

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Step 121 :-Click on Calibration



Step 122 :- Click on the second option in automatic section as marked





Step 123 :-Choose of the offset as marked on step --, its 0.8 for kylaq, then click on ok as shown



Step 124 :- Auto calibration will Start, will take around 20 seconds





Step 125:- Once calibration completed, click on ok



Step 126 :- Click on Display> Car Model





Step 128 :- Select brand And car type & color



Step 129 :- Select model As per customer's car





Step 130 :- Select brand And car type & color



Step 131 :- Installation Completed, take a test drive to test the dynamic guidelines and calibration



## IMPORTANT STEPS FOR CALLIBRATION

1. THE CALIBRATION MAT SHOULD NOT BE TORNED OR VERY DIRTY WHEN CALIBRATING, IT IS ADVISED TO PARTIALLY CLEAN THE DUST ON THE MAT BEFORE CALIBRATION
2. THE CALIBRATION MAT SHOULD NOT BE FOLDED EVEN SLIGHTEST, AS THIS WILL FAIL THE CALIBRATION PROCESS
3. THE LENGTH BETWEEN THE CAR AND MAT SHOULD BE EQUAL WHEN CHECKING IN STEP 112
4. THE MAT SHOULD NOT BE CRUMPLED OR FOLDED, SHOULD BE FLAT ALWAYS
5. YOU CAN USE SMALL STONES IN ORDER TO PREVENT THE MAT FROM FLYING ON WINDY DAYS
6. IT IS ADVISED TO CALIBRATE INDOOR TO AVOID WIND AND EXTERNAL FACTORS
7. IT IS ADVISED TO CALIBRATE IN DAYLIGHT OR BRIGHT INDOOR CONDITIONS, CALIBRATING IN DARK OR NIGHT MAY CAUSE FAILURE
8. ALL PARTS WHICH OPEN / DISMATE FOR FITMENT NEED TO BE REFITTED PROPERLY AS PER SERIES PROCEDURE
9. EXCESS WIRING HARNESS/CABLES NOT TO BE KEPT LOOSE OR OPEN ENSURE TIGHT FITMENT DONE WITH TIE CABLE TO AVOID FOULING OR RATTILING NOISE.
10. ALL CONNECTION TO BE CHECKED PROPERLY TO AVOID LOOSE CONNECTIONS (CONNECTOR TO CONNECTOR)

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